

International GLONASS Service

PILOT PROJECT

<http://www.nima.mil/GandG/ion/>

The goal of this Pilot Project is to provide dual-frequency GLONASS observations from the global tracking network and produce precise orbits for each satellite.

The International GLONASS Experiment 1998 (IGEX-98), carried out in 1998–99, demonstrated the possibility of analyzing GLONASS data analogous to the IGS analysis of GPS data. Following IGEX-98, the International GLONASS Service Pilot Project became a pilot service of the IGS. This pilot project will continuously track and analyze data from the Russian GLONASS satellite constellation within the IGS infrastructure. The initial operational orbit quality is hoped to be 20–50 cm, with the eventual goal of attaining 10-cm level orbits. The Pilot Service will incorporate satellite laser ranging (SLR) observations into routine orbit processing and will utilize the existing structure of the IGS.

